

**INDUSTRIAL COMPONENT DATA**

# EK 135 0401023 PHOENIX CONTACT Power terminal block

Brand: PHOENIX CONTACT | Manufacturer Part Number: EK 135



|                 |                 |
|-----------------|-----------------|
| Manufacturer    | PHOENIX CONTACT |
| MPN / Reference | EK 135          |
| Catalog number  | 0401023         |
| Category        | Busbar terminal |
| Minimum order   | 10 Pcs          |
| Document ID     | EO-2F02E8F3EF   |
| Generated       | 2026-08-03      |

## Product Overview

Power terminal block

Power terminal, rated current: 101 A, connection type: Screw connection, Dimension cross-section: 25 mm<sup>2</sup>, cross-section: 0.75 mm<sup>2</sup> - 35 mm<sup>2</sup>, mounting: Neutral busbar, colour: aluminium colour

**STRUCTURED PRODUCT DATA**

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

|              |                                  |
|--------------|----------------------------------|
| Catalog path | PHOENIX CONTACT > CABINET add-on |
|--------------|----------------------------------|

## Additional Product Information

Key Commercial Data

Orderkey 0401023

Packing unit 10 pc

Minimum order quantity 10 pc

Catalog page Page 597 (C-3-2017)

GTIN 4017918001773

Weight per Piece (excluding packing) 38.120 g

Custom tariff number 85369010

Country of origin PL (Poland)

General

Color aluminum color

Nominal cross section 35 mm<sup>2</sup>Maximum load current 125 A (with 35 mm<sup>2</sup> conductor cross section)

Result of the test for mechanical stability of terminal points (5 x conductor connection) Test passed

Result of bending test Test passed  
Bending test rotation speed 10 rpm  
Bending test turns 135  
Bending test conductor cross section/weight 0.75 mm<sup>2</sup> / 0.4 kg  
25 mm<sup>2</sup> / 4.5 kg  
35 mm<sup>2</sup> / 6.8 kg  
Tensile test result Test passed  
Conductor cross section tensile test 0.75 mm<sup>2</sup>  
Tractive force setpoint 30 N  
Conductor cross section tensile test 25 mm<sup>2</sup>  
Tractive force setpoint 135 N  
Conductor cross section tensile test 35 mm<sup>2</sup>  
Tractive force setpoint 190 N  
Result of voltage-drop test Test passed  
Requirements, voltage drop <= 3.2 mV  
Result of temperature-rise test Test passed  
Short circuit stability result Test passed  
Conductor cross section short circuit testing 25 mm<sup>2</sup>  
Short-time current 3 kA  
Conductor cross section short circuit testing 35 mm<sup>2</sup>  
Short-time current 4.2 kA  
Dimensions  
Length 40 mm  
Width 12 mm  
Connection data  
Conductor cross section solid min. 0.75 mm<sup>2</sup>  
Conductor cross section solid max. 35 mm<sup>2</sup>  
Conductor cross section flexible min. 0.75 mm<sup>2</sup>  
Conductor cross section flexible max. 35 mm<sup>2</sup>  
Conductor cross section AWG min. 18  
Cond...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / EK 135 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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